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**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

DATE: October 28, 2002

SUBJECT: Conservation Chemical/Industrial Highway Site, Gary, Lake County, IN

FROM: Steve Faryan, OSC, U.S. EPA, Region 5, ERB, RS1, Chicago, IL

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POLREP 27

II. BACKGROUND

CERCLA Site No: Z590
CERCLIS ID Number: IND040888992
Delivery Order Number: 3141-25
Response Authority: OPA/CERCLA
OPA ID Number: FPN#: 098022
Account Number: 90
NPL Status: Not on NPL
IDEM Notification: Yes
Start Date: Sept 1998
Completion Date: Pending

III. SITE INFORMATION

A. See POLREP 1-26 for previous U.S. EPA removal actions. U.S. EPA has re-mobilized to the Conservation Chemical/ Industrial Highway site at 6499 Industrial Highway in Gary, Indiana. U.S. EPA will install six recovery wells and a treatment building and system to collect an estimated 125,000 gallons of free product (crude Oil) which lies beneath the former Berry Oil refinery and Conservation Chemical (CCCI) site. The CCCI site was completed in 2002 under a PRP lead consent order which was overseen by U.S. EPA.

IV. RESPONSE INFORMATION

A. Situation

1. Planned Activities:

U.S. EPA Region 5, the Environmental Response Team (ERT) and Environmental Quality Management (EQM) completed the evaluation of ground water flow and extent of contamination and recovery options which are summarized in the February 6, 2002 report. EQM has designed the implementation of an oil recovery system utilizing 6 10inch diameter recovery wells and construction of a treatment building, water

treatment and oil recovery system and recharge gallery for treated effluent. The construction of the system began on October 8, 2002.

Environmental Quality Management, the U.S. EPA ERRS contractor will complete the excavation of the infiltration gallery and begin excavation of trench for the infiltration gallery overflow pipe. Trenching will begin for pipe connecting extraction wells to the new pump house. ERRS will source piping and stone for infiltration gallery. Location of the new pump house will be cleared of piping and concrete. START will continue to monitor site activities and provide technical assistance as needed.

2. Completed activities:

Monday, October 21, 2002, ERRS continued excavation of the infiltration gallery and began excavation of the trench for the overflow pipe. During excavation stained soil and strong petroleum odor was observed. START used multi-rae to monitor soil for VOCs. The multi-rae registered a maximum reading of 321 ppm for VOCs. Workers were upgraded to Level C protection until vapors went down to background.

Tuesday, October 22, 2002, ERRS continued excavation of infiltration gallery and overflow trench. Overflow trench extended 150 feet south into rip rap drainage area. ERRS began clearing pipe, rock, and other debris from the soil where the new pump house will be constructed.

Wednesday, October 23, 2002, ERRS continued clearing debris from soil where the new pump house will be constructed. Waste soil in the two roll offs that was generated during the installation of the extraction wells was stockpiled with soil excavated from the infiltration gallery area. START collected disposal samples from the stockpiled soil. Sample was sent to a laboratory for TCLP metals, TCLP VOC SVOCs, reactive sulfide and cyanide, PCB, paint filter, flashpoint, and pH. The two roll off boxes were decontaminated and demobilized.

Thursday, October 24, 2002, ERRS continued clearing debris from soil where the new pump house will be constructed. Excavation of trench from extraction well XW-1 towards the new pump house began. Electrician arrived on site to hook up permanent electrical wiring to the trailer.

Friday, October 25, 2002, ERRS mobilized a 8x16 foot security trailer to the site and electrician hooked up 200 volt electrical panel.

No samples were collected during the week.

3. Enforcement:

The oil recovery system is being installed under the Oil Pollution Act (OPA) Authority using funds from the Oil Pollution Liability Trust Fund. Disposal of soil and waste will be completed under the CERCLA authority using \$300,000 which remains under the original delivery order. The CCCI site removal was completed by the PRP group under a Consent Order with U.S. EPA.

B. Next Steps

ERRS will complete excavation of pipe trench from extraction wells to the treatment building. ERRS will resume work on infiltration gallery and continue to arrange off-site disposal of soil excavated from infiltration gallery. CERCLA funding will be utilized to dispose of soil and other waste found on site. A cooler full of jars labeled poison was found on site and will be characterized and disposed of utilizing the CERCLA budget.

C. Key Issues

None

V. Oil Pollution Act (OPA) COST INFORMATION (estimated as of October 28, 2002)

	<u>Total Cost To Date</u>	<u>Ceiling</u>
ERRS	\$ 1,087,910	\$ 1,240,000.00
START	\$ 18,530.97	\$ 40,570
U.S. EPA	\$ 76,000	\$100,000

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. Waste Disposal

Disposal of the waste is pending analytical results.